

WRIGHT AERONAUTICAL DIVISION  
CURTISS-WRIGHT CORPORATION

MODEL: Wright Challenger R-600

T.C. NUMBER: ATC 5

Model	Challenger R-600
Type	6RA
Rating:	
Maximum continuous,	
hp, rpm, at S.I.	
pressure altitude	185-2000-S.I.
Take-off (one minute),	
hp, rpm, at full	
throttle	185-2000
Fuel (minimum octane	
aviation gasoline)	65
Bore and stroke, in.	5.125 x 4.875
Displacement, cu. in.	627.9
Compression ratio	5.2:1
Weight (dry), lbs.	445 (including intake heater)
Carburetion	Stromberg RA-U4-J carburetor with 1-7/16 in. venturi
Ignition, dual	Scintilla MN6-D-F3 magnetos
Certification basis	Approved Type Certificate No. 5

NOTE 1. Approval expired 3/26/34. No engines of this model manufactured after this date or with serial numbers above 662 eligible for use in certificated aircraft.